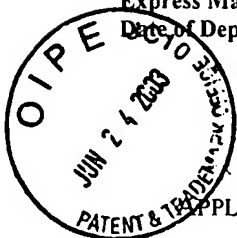


Express Mail Label No.: EV328701956US

Date of Deposit: June 24, 2003

Attorney Docket No.: 21402-258 (Cura-558)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Tchernev, *et al.*

SERIAL NUMBER : 10/072,012

EXAMINER : Not yet assigned

FILING DATE : January 31, 2002

ART UNIT : 1632

FOR : PROTEINS AND NUCLEIC ACIDS ENCODING SAME

Mail Stop IDS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450



3062
PATENT TRADEMARK OFFICE

TRANSMITTAL LETTER

Transmitted herewith for filing in the present application are the following documents:

1. Supplemental Information Disclosure Statement (2 pages), in duplicate;
2. Modified Form 1449/PTO (1 page), in duplicate;
3. Copies of Cited References B5-6, and C1091-1098; and
4. Return Postcard.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 542-6000, Boston, Massachusetts.

The Commissioner is authorized to charge any fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311 Ref. No. 21402-258 (Cura-558). A duplicate copy of this transmittal letter is enclosed herewith.

Respectfully submitted,

Ivor R. Elrifi Reg. No. 48,593

Ivor R. Elrifi, Reg. No. 39,529

Attorney for Applicant

MINTZ, LEVIN, COHN, FERRIS,
GLOVSKY and POPEO, P.C.

One Financial Center

Boston, Massachusetts 02111

Tel: (617) 542-6000

Fax: (617) 542-2241

TRA 1807398v1

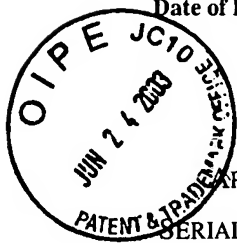
RECEIVED
JUN 27 2003
TECH CENTER 1600/2900

RECEIVED
OCT 16 2003
TECH CENTER 1600/2900

Express Mail Label No.: EV328701956US

Date of Deposit: June 24, 2003

Attorney Docket No. 21402-258 (Cura-558)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Tchernev, *et al.*

SERIAL NUMBER : 10/072,012

EXAMINER : Not yet assigned

FILING DATE : January 31, 2002

ART UNIT : 1632

FOR : PROTEINS AND NUCLEIC ACIDS ENCODING SAME

Mail Stop IDS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed on the attached modified Form PTO-1449, as well as copies of the listed documents.

This Supplemental Information Disclosure Statement is being filed within three months of the mailing date for the International Search Report for PCT application PCT/US02/02785. Accordingly, no fee or certification is believed required.

A copy of the reference in the above-identified application is enclosed unless otherwise indicated on the attached modified Form PTO-1449. It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and signs the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

By submitting this Supplemental Information Disclosure Statement, the Applicants make no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

RECEIVED
JUN 27 2003
TECH CENTER 1600/2900

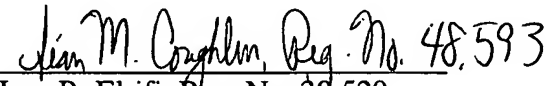
RECEIVED
OCT 16 2003
TECH CENTER 1600/2900

APPLICANTS: Tchernev, et al.
U.S.S.N.: 10/072,012

Notwithstanding any statements by the Applicants, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

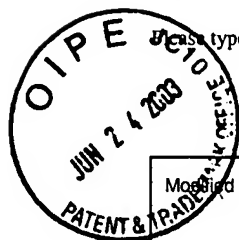
Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 21402-258 (Cura-558).

Respectfully submitted,


Ivor R. Elrifi, Reg. No. 39,529
Attorney for Applicants
MINTZ, LEVIN, COHN, FERRIS,
GLOVSKY and POPEO, P.C.
One Financial Center
Boston, Massachusetts 02111
Tel: (617) 542-6000
Fax: (617) 542-2241

Dated: June 24, 2003

TRA 1807395v1



Please type a plus sign (+) in this box



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB (12-97)
Approved for use through 9/30/00. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	10/072,012
	Filing Date	January 31, 2002
	First Named Inventor	Tchernev
	Group Art Unit	1632
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	21402-258

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office	Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes	No
	B5	WO	00/20447	Curagen Corporation	Apr. 13, 2000		
	B6	WO	98/42738	Human Genome Sciences, Inc.	Oct. 1, 1998		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C1091	Keen, J. et al. (2000). "Characterization of the human claudin gene family reveals a complex evolutionary history." Eur J Human Genetics 8 Supp. 1:140-1
	C1092	EMBL Database Accession No. AC080137
	C1093	EMBL Database Accession No. AC068190
	C1094	EMBL Database Accession No. AC036188
	C1095	GSP Database Accession No. AAY51681
	C1096	Morita, K., et al. (1999). "Claudin multigene family encoding four-transmembrane domain protein components of tight junction strands." PNAS USA 96(2):511-6.
	C1097	Morita, K. et al. (1999). "Endothelial Claudin: Claudin-5/TMVCF Constitutes Tight Junction Strands in Endothelial Cells." 147(1):185-94.
	C1098	International Search Report for PCT/US02/02785, mailed on May 16, 2003.

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.